| Ref<br>#  | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|-----------|------|---|---|---------------------|---------|------------------|
| S1        | 5    | (gap near determination) and impedance and (material adj property or composition) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/03/30 15:03 |
| S2        | 35   | (gap with determination) and impedance and (material adj property or composition) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/03/30 15:05 |
| <b>S3</b> | 153  | (gap with determination) and impedance  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/03/30 15:29 |
| S4        | . 1  | "20020153880".PN.   | US-PGPUB  | OR .                | OFF     | 2005/04/15 17:41 |
| S5        | 1    | "20020153880".PN.   | US-PGPUB  | OR                  | OFF     | 2005/04/15 10:04 |
| S6        | 1    | "6346807".PN.   | USPAT;<br>USOCR   | OR                  | OFF     | 2005/03/30 15:25 |
| S7        | 1    | "5182513".PN.   | USPAT;<br>USOCR   | OR                  | OFF     | 2005/03/30 15:25 |
| S8        | 1    | "6346807".PN.   | USPAT;<br>USOCR   | OR                  | OFF     | 2005/03/30 15:26 |
| S9        | 1    | "4326166".PN.   | USPAT;<br>USOCR   | OR                  | OFF     | 2005/03/30 15:27 |
| S10       | 3    | 702/65.ccls. and (gap near determining)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/03/30 15:31 |
| S11       | 19   | "702"/\$.ccls. and (gap near determining)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/03/30 15:38 |
| S12       | 74   | "324"/\$.ccls. and (gap near determining)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2005/03/30 15:47 |

| S13 | 21   | 324/207.16.ccls. and (gap near determining)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/03/30 16:04 |
|-----|------|---|---|------|----|------------------|
| S14 | 6    | 324/207.11.ccls. and (gap near determining)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/03/30 16:04 |
| S15 | 7    | 324/207.26.ccls. and (gap near determining)           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/03/30 16:05 |
| S16 | . 7  | 324/699.ccls. and (gap near determining)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON | 2005/03/30 16:05 |
| S17 | 3    | 324/716.ccls. and (gap near determining)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/03/31 09:23 |
| S21 | 3964 | gap and proximity and (probe or sensor) and impedance | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/03/31 11:06 |
| S22 | 589  | S21 and eddy  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/03/31 10:56 |
| S23 | 563  | S22 and frequency                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON | 2005/03/31 10:56 |

| S24 | 477   | gap and (proximity near (probe or sensor)) and impedance   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;            | OR | ON | 2005/03/31 11:21 |
|-----|-------|--|---|----|----|------------------|
| S25 | 146   | S24 and eddy   | IBM_TDB US-PGPUB; USPAT; USOCR;                                   | OR | ON | 2005/03/31 11:07 |
|     |       |  | EPO; JPO;<br>DERWENT;<br>IBM_TDB                                  |    |    |                  |
| S26 | 43    | (gap near (determine or<br>measure)) and (proximity near<br>(probe or sensor)) and impedance<br>and eddy | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/31 13:15 |
| S28 | 1     | "6873149".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/31 13:57 |
| S29 | 12    | "324"/\$.ccls. and eddy and gap<br>and (proximity near transducer)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/31 14:26 |
| S30 | 2     | "5371462".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/04/15 10:08 |
| S31 | 31441 | (proximity adj sensor or probe)<br>and gap and (material near<br>property or composition)                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/31 14:47 |
| S32 | 1698  | S31 and frequency and impedance  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/03/31 14:47 |

| S33 | 906 | S32 and target  | US-PGPUB;   | OR | ON  | 2005/03/31 14:48 |
|-----|-----|---|---|----|-----|------------------|
|     |     |   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB              |    |     |                  |
| S34 | 91  | S33 and eddy  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/31 14:58 |
| S35 | 8   | gap and impedance and (magnetic<br>near proximity near sensor)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/31 15:02 |
| S36 | 0   | gap and impedance and (eddy<br>near proximity near sensor)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/31 15:02 |
| S37 | 0   | gap and (eddy near proximity near sensor)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/31 15:03 |
| S38 | 21  | gap and (eddy near current near proximity near sensor)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/31 15:04 |
| S39 | 48  | gap and (eddy near current near proximity near probe)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/03/31 15:28 |
| S41 | 16  | (gap with transducer with target) and predetermined and memory and point and (eddy adj current) and (complex adj impedance) and interpolate | US-PGPUB  | OR | OFF | 2005/04/15 10:05 |
| S42 | 16  | (gap with transducer with target) and predetermined and memory and point and (eddy adj current) and (complex adj impedance) and interpolate | US-PGPUB  | OR | ON  | 2005/04/15 09:30 |

| S43 | 0   | (gap with transducer with target) and predetermined and memory and point and (eddy adj current) and (complex adj impedance) and interpolate and (material with property) | US-PGPUB  | OR   | ON   | 2005/04/15 09:14 |
|-----|-----|--|---|------|------|------------------|
| S44 |     | (gap with transducer with target) and predetermined and memory and point and (eddy adj current) and (complex adj impedance) and interpolate and property                 | US-PGPUB  | OR   | ON . | 2005/04/15 09:15 |
| S45 | 16  | (gap with transducer with target) and predetermined and memory and point and (eddy adj current) and (complex adj impedance) and interpolate and characteristic           | US-PGPUB  | OR   | ON   | 2005/04/15 09:31 |
| S46 | 16  | (gap with transducer with target) and predetermined and memory and point and (eddy adj current) and (complex adj impedance) and interpolate                              | US-PGPUB  | OR   | ON   | 2005/04/15 10:05 |
| S47 | 431 | 324/693.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR ` | ON   | 2005/04/15 10:08 |
| S48 | 48  | S47 and gap  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2005/04/15 10:08 |
| S49 | 32  | S48 and characteristic   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR . | ON   | 2005/04/15 10:08 |
| S51 | . 2 | "6850077".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR   | ON   | 2005/04/15 17:41 |